10590404

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NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 JUL 28 CA/CAplus patent coverage enhanced
NEWS 3 JUL 28 EPFULL enhanced with additional legal status information from the epoline Register
NEWS 4 JUL 28 IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS 5 JUL 28 STN Viewer performance improved
NEWS 6 AUG 01 INPADOCDB and INPAFAMDB coverage enhanced
NEWS 7 AUG 13 CA/CAplus enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS 8 AUG 15 CAOLD to be discontinued on December 31, 2008
NEWS 9 AUG 15 CAplus currency for Korean patents enhanced
NEWS 10 AUG 27 CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS 11 SEP 18 Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS 12 SEP 25 CA/CAplus current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS 13 SEP 26 WPIDS, WPINDEX, and WPIX coverage of Chinese and and Korean patents enhanced
NEWS 14 SEP 29 IFICLS enhanced with new super search field
NEWS 15 SEP 29 EMBASE and EMBAL enhanced with new search and display fields
NEWS 16 SEP 30 CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS 17 OCT 07 EPFULL enhanced with full implementation of EPC2000
NEWS 18 OCT 07 Multiple databases enhanced for more flexible patent number searching
NEWS 19 OCT 22 Current-awareness alert (SDI) setup and editing enhanced
NEWS 20 OCT 22 WPIDS, WPINDEX, and WPIX enhanced with Canadian PCT Applications
NEWS 21 OCT 24 CHEMLIST enhanced with intermediate list of pre-registered REACH substances

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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 NEWS LOGIN    Welcome Banner and News Items
 NEWS IPC8     For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 10:23:51 ON 29 OCT 2008

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files.  For example, the EXPAND
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index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                0.21       0.21

FILE 'REGISTRY' ENTERED AT 10:24:07 ON 29 OCT 2008
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Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:   28 OCT 2008  HIGHEST RN 1067631-14-4
DICTIONARY FILE UPDATES:  28 OCT 2008  HIGHEST RN 1067631-14-4

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TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
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http://www.cas.org/support/stngen/stndoc/properties.html
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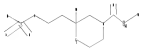

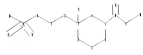

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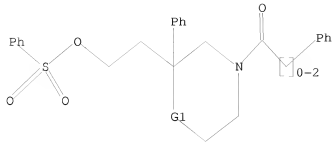
8 9 10 11 12 13 14 15 16 17 18 19
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 3-19 5-8 8-9 8-11 9-10 12-13 13-14 14-15 15-16 15-17 15-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 3-19 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15
15-16 15-17 15-18
isolated ring systems :
containing 1 :

G1:O,CH2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Gl O,CH2

Structure attributes must be viewed using STN Express query preparation.

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=> s l1
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SAMPLE SCREEN SEARCH COMPLETED -        4 TO ITERATE

100.0% PROCESSED         4 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            4 TO      200
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 sss full
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100.0% PROCESSED       54 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L3             0 SEA SSS FUL L1

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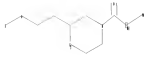
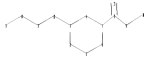




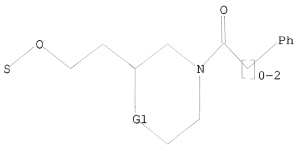
chain nodes :
8 9 10 11 12 13 14 15
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 5-8 8-9 8-11 9-10 12-13 13-14 14-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15
isolated ring systems :
containing 1 :

G1:O,CH2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L4 STRUCTURE UPLOADED

=> d 14
L4 HAS NO ANSWERS
L4 STR



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED -        5 TO ITERATE

100.0% PROCESSED         5 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            5 TO      234
PROJECTED ANSWERS:               0 TO        0

L5            0 SEA SSS SAM L4

=> s l4 sss full
FULL SEARCH INITIATED 10:26:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       90 TO ITERATE

100.0% PROCESSED        90 ITERATIONS                               9 ANSWERS
SEARCH TIME: 00.00.01

L6            9 SEA SSS FUL L4

=> FIL HCAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   358.10     358.31

FILE 'HCAPLUS' ENTERED AT 10:27:03 ON 29 OCT 2008
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FILE COVERS 1907 - 29 Oct 2008 VOL 149 ISS 18
FILE LAST UPDATED: 28 Oct 2008 (20081028/ED)

HCAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> s l6
L7 7 L6

=> d l7 ibib abs hitstr tot

L7 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:11285 HCAPLUS
DOCUMENT NUMBER: 144:108333
TITLE: Process for preparation of morpholine derivatives and intermediates
INVENTOR(S): Tomori, Hiroshi; Abe, Narumi; Susa, Kenji; Kobayashi, Keijiro; Takita, Takashi; Toriyama, Fumihiko
PATENT ASSIGNEE(S): Sankyo Company, Limited, Japan
SOURCE: PCT Int. Appl., 60 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006001326	A1	20060105	WO 2005-JP11514	20050623
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
JP 2006036760	A	20060209	JP 2005-183005	20050623
PRIORITY APPLN. INFO.:			JP 2004-186455 A	20040624
OTHER SOURCE(S):	MARPAT 144:108333			

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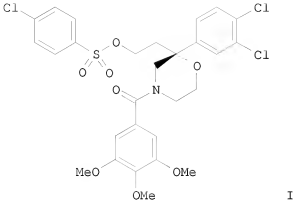


I

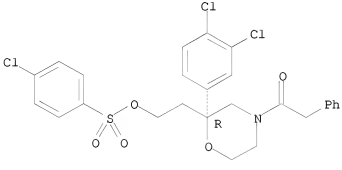
AB Disclosed is a novel method for producing morpholine derivs. via cyclization. For example, the compound I was prepared in a multi-step synthesis in good yield. This invention provides a convenient method to prepare morpholine derivs. with industrial advantages.

IT 872871-88-0P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(preparation of morpholine derivs. and intermediates via cyclization)

RN 872871-88-0 HCAPLUS

CN Benzenesulfonic acid, 4-chloro-, 2-[(2R)-2-(3,4-dichlorophenyl)-4-(2-phenylacetyl)-2-morpholinyl]ethyl ester (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2000:457067 HCAPLUS
DOCUMENT NUMBER: 133:89533
TITLE: Method for preparing (R)-(+)-3-[1-[2-[4-benzoyl-2-(3,4-difluorophenyl)morpholin-2-yl]ethyl]-4-phenylpiperidin-4-yl]-1,1-dimethylurea
INVENTOR(S): Aulombard, Alain; Bernon, Francoise; Bonnefoy,

Sabrina; Burgos, Alain; Cabos, Claude; Lucas, Eric
PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
SOURCE: PCT Int. Appl., 40 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000039126	A1	20000706	WO 1999-FR3123	19991214
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2787790	A1	20000630	FR 1998-16410	19981223
CA 2351539	A1	20000706	CA 1999-2351539	19991214
EP 1140923	A1	20011010	EP 1999-958317	19991214
EP 1140923	B1	20030305		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002533462	T	20021008	JP 2000-591037	19991214
JP 3388232	B2	20030317		
HU 2002001322	A2	20021228	HU 2002-1322	19991214
AT 233759	T	20030315	AT 1999-958317	19991214
US 6392039	B1	20020521	US 2001-868562	20010619
MX 2001PA06465	A	20020208	MX 2001-PA6465	20010622

PRIORITY APPLN. INFO.: FR 1998-16410 A 19981223
WO 1999-FR3123 W 19991214

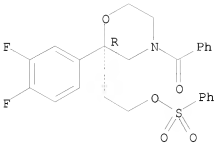
AB The title compound was prepared by dimethylcarbamoylation of(+)-[2-[2-(4-amino-4-phenylpiperidin-1-yl)ethyl]-2-(3,4-difluorophenyl)morpholin-4-yl]phenylmethanone.

IT 280766-21-4P
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(method for preparing (R)-(+)-3-[1-[2-[4-benzoyl-2-(3,4-difluorophenyl)morpholin-2-yl]ethyl]-4-phenylpiperidin-4-yl]-1,1-dimethylurea)

RN 280766-21-4 HCAPLUS

CN Methanone, [(2R)-2-(3,4-difluorophenyl)-2-[2-[(phenylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1998:479024 HCAPLUS
DOCUMENT NUMBER: 129:136173
ORIGINAL REFERENCE NO.: 129:27841a,27844a
TITLE: Preparation of heterocyclic compounds as tachykinin receptor ligands
INVENTOR(S): Emonds-Alt, Xavier; Grossriether, Isabelle; Gueule, Patrick; Proietto, Vincenzo; Van Broeck, Didier; Taillades, Joelle
PATENT ASSIGNEE(S): Sanofi, Fr.
SOURCE: U.S., 65 pp., Cont.-in-part of U.S. 5,641,777. CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5780466	A	19980714	US 1996-703729	19960827
FR 2729952	A1	19960802	FR 1995-1016	19950130
FR 2729952	B1	19970418		
FR 2729953	A1	19960802	FR 1995-8046	19950704
FR 2729953	B1	19970801		
FR 2729954	A1	19960802	FR 1995-13005	19951103
FR 2729954	B1	19970801		
IN 186766	A1	20011103	IN 1996-DE169	19960125
ZA 9600694	A	19960826	ZA 1996-694	19960130
US 5641777	A	19970624	US 1996-593938	19960130
JP 2001131171	A	20010515	JP 2000-342606	19960130
JP 2001172279	A	20010626	JP 2000-342571	19960130
EP 1156049	A1	20011121	EP 2001-119949	19960130
EP 1156049	B1	20050601		
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EP 1340754	A1	20030903	EP 2003-12771	19960130
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IL 127114	A	20040927	IL 1996-127114	19960130
EP 1688416	A1	20060809	EP 2006-5775	19960130
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	IE, SI, LT, LV				
CN	1821241	A	20060823	CN 2006-10008868	19960130
EP	1923391	A1	20080521	EP 2007-150446	19960130
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CN	101230008	A	20080730	CN 2007-10305915	19960130
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US	5869663	A	19990209	US 1997-820716	19970318
US	6011154	A	20000104	US 1998-4454	19980108
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US	5977359	A	19991102	US 1998-175332	19981020
US	6242637	B1	20010605	US 1998-175331	19981020
AU	9930133	A	19990819	AU 1999-30133	19990519
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JP	2002138088	A	20020514	JP 2001-339406	20011105
JP	3943369	B2	20070711		

PRIORITY APPLN. INFO.:

FR	1995-1016	A 19950130
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FR	1995-13005	A 19951103
US	1996-593938	A2 19960130
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AU	1996-46669	A3 19960130
CN	1996-191686	A3 19960130
CN	2003-10119883	A3 19960130
EP	1996-902305	A3 19960130
EP	2001-119949	A3 19960130
EP	2003-12771	A3 19960130
EP	2006-5775	A3 19960130
IL	1996-116957	A3 19960130
JP	1996-523308	A3 19960130
JP	2000-342571	A3 19960130
US	1996-703729	A3 19960827
US	1997-820716	A3 19970318
HK	1998-100995	A 19980210

OTHER SOURCE(S): MARPAT 129:136173

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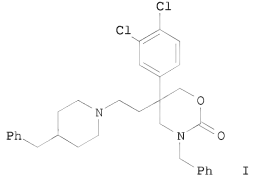


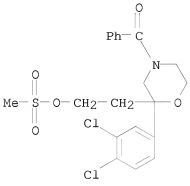
I

AB R(CH2)mCR1R2CH2NR3R4 [R = 4-substituted piperidino, 1-alkyl- or 1-benzyl-4-substituted piperidinium-1-yl, aryl(methyl)pyridinium-1-yl,

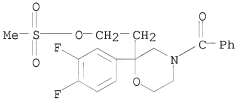
etc.; R1 = (un)substituted Ph, -indolyl, -pyridyl, etc.; R2R3 = O2C, CH2O2C, OCO, OCH2CH2, NHCO, etc.; R4 = (hetero)arylmethyl, CHPh2, CPh3, etc.; m = 2 or 3] were prepared Thus,HOCH2CR1(CH2CH2OTHP)CH2NH2 (R1 = C6H3Cl2-3,4, THP = 2-tetrahydropyranyl)(preparation given)was cyclocondensed with COCl2 and the product converted in 4 steps to title compound I. Data for biol. activity of the title compds. were given.

IT 181642-90-0P 181643-32-3P 181643-53-8P
181643-56-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of heterocyclic compds. as tachykinin receptor ligands)

RN 181642-90-0 HCAPLUS
CN Methanone, [2-(3,4-dichlorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)

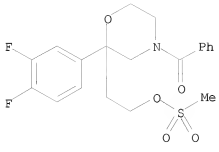


RN 181643-32-3 HCAPLUS
CN Methanone, [2-(3,4-difluorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)



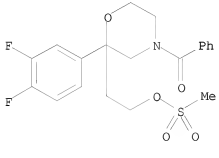
RN 181643-53-8 HCAPLUS
CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (-)- (9CI) (CA INDEX NAME)

Rotation (-).



RN 181643-56-1 HCAPLUS
CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (+)- (9CI) (CA INDEX NAME)

Rotation (+).



REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1998:147329 HCAPLUS
DOCUMENT NUMBER: 128:205021
ORIGINAL REFERENCE NO.: 128:40555a,40558a
TITLE: Preparation of quaternary ammonium compounds for use as tachykinin antagonists
INVENTOR(S): Monaghan, Sandra Marina; Alker, David; Burns, Christopher John
PATENT ASSIGNEE(S): Pfizer Limited, UK; Pfizer Inc.
SOURCE: PCT Int. Appl., 121 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9807722	A1	19980226	WO 1997-EP4414	19970811
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU				

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

AU 9740153	A	19980306	AU 1997-40153		19970811
IN 1997DE02317	A	20050311	IN 1997-DE2317		19970819
PRIORITY APPLN. INFO.:			GB 1996-17730	A	19960823
			WO 1997-EP4414	W	19970811

OTHER SOURCE(S): MARPAT 128:205021

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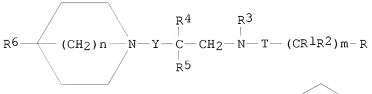

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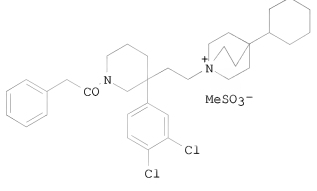


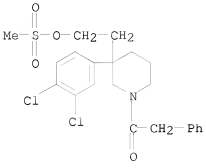
II

AB Quaternary ammonium bicyclic compds. I [R = Ph, cycloalkyl, heteroaryl; R1 = R2 = H alkyl; R1R2 = alkylene; R3 = R4 = H, alkyl; R3R4 = alkylene; R5 = Ph, naphthyl, benzyl, thienyl, benzothenyl, indolyl; R6 = cycloalkyl; n = 1,2] were prepared for use as tachykinin receptor antagonists possibly useful for treatment of a variety of gastro-intestinal disorders. Thus, II was prepared from 4-cyclohexylquinuclidine and 3-(3,4-dichlorophenyl)-3-(2-methanesulfonyloxyethyl)-1-(phenylacetyl)piperidine. The prepared compds. were tested for NK1 and NK2 receptor antagonist activity.

IT 146395-83-7P, 3-(3,4-Dichlorophenyl)-3-(2-methanesulfonyloxyethyl)-1-(phenylacetyl)piperidine 203943-07-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of quaternary ammonium compds. for use as tachykinin antagonists)

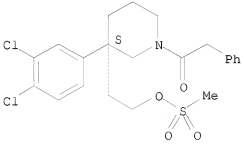
RN 146395-83-7 HCAPLUS

CN Ethanone, 1-[3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)



RN 203943-07-1 HCAPLUS
CN Ethanone, 1-[(3S)-3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN

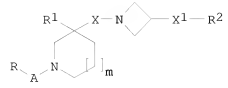
ACCESSION NUMBER:	1997:564953 HCAPLUS
DOCUMENT NUMBER:	127:161836
ORIGINAL REFERENCE NO.:	127:31375a,31378a
TITLE:	Preparation of 3-azetidinylalkylpiperidines or -pyrrolidines as tachykinin antagonists
INVENTOR(S):	Mackenzie, Alexander Roderick; Marchington, Allan Patrick; Middleton, Donald Stuart; Meadows, Sandra Dora
PATENT ASSIGNEE(S):	Meadows, Sandra Dora, UK; Pfizer Research and Development Company, N.V./S.A.; Pfizer Ltd.; Pfizer Inc.; Mackenzie, Alexander Roderick; Marchington, Allan Patrick; Middleton, Donald Stuart
SOURCE:	PCT Int. Appl., 127 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 9725322	A1	19970717	WO 1996-EP5613		19961209
W: AU, BG, BR, BY, CA, CN, CZ, HU, IL, IS, JP, KR, KZ, LK, LV, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TR, UA, US, UZ, VN					
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG					
TW 472054	B	20020111	TW 1996-85115107		19961206
CA 2237189	A1	19970717	CA 1996-2237189		19961209
CA 2237189	C	20020903			
AU 9711950	A	19970801	AU 1997-11950		19961209
AU 708282	B2	19990729			
EP 871623	A1	19981021	EP 1996-943119		19961209
EP 871623	B1	20030212			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, SI, LV, FI, RO					
CN 1207096	A	19990203	CN 1996-199510		19961209
JP 11501667	T	19990209	JP 1997-520769		19961209
JP 3123611	B2	20010115			
BR 9612412	A	19990713	BR 1996-12412		19961209
HU 9903590	A2	20000528	HU 1999-3590		19961209
HU 9903590	A3	20020128			
RU 2158264	C2	20001027	RU 1998-114667		19961209
JP 2000344741	A	20001212	JP 2000-136658		19961209
JP 3254205	B2	20020204			
IL 124309	A	20021110	IL 1996-124309		19961209
AT 232526	T	20030215	AT 1996-943119		19961209
PL 185723	B1	20030731	PL 1996-327665		19961209
ES 2190486	T3	20030801	ES 1996-943119		19961209
ZA 9700047	A	19980703	ZA 1997-47		19970103
US 6242438	B1	20010605	US 1998-297736		19980601
NO 9802651	A	19980609	NO 1998-2651		19980609
NO 311838	B1	20020204			

PRIORITY APPLN. INFO.:	GB 1996-235	A	19960105
	JP 1997-520769	A3	19961209
	WO 1996-EP5613	W	19961209

OTHER SOURCE(S): MARPAT 127:161836
GI



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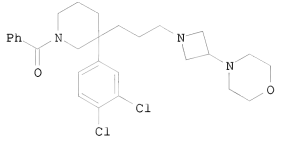


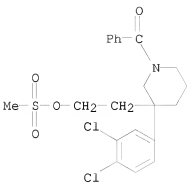
II

AB The title compds. [I; R = (un)substituted C3-7 cycloalkyl, aryl, C1-6 alkyl; A = CO, SO2; R1 = Ph, PHCH2, naphthyl, etc.; R2 = CO2H, CONR3R4, CONR5(C3-7 cycloalkyl), etc.; R3, R4 = H, C1-4 alkyl; R5 = H, C1-4 alkyl, C3-7 cycloalkyl-C1-4 alkyl; X = C1-4 alkylene; X1 = a direct link, C1-6 alkylene; m = 0-2], useful for treating an inflammatory disease such as arthritis, psoriasis, asthma or inflammatory bowel disease, a CNS disorders such as anxiety, depression, dementia or psychosis, a gastrointestinal disorders such as Crohn's disease, an urogenital tract disorder, an allergy such as eczema, contact dermatitis or rhinitis, a hypersensitivity disorder such as poison ivy, peripheral neuropathy such as neuralgia, or acute or chronic pain, were prepared Thus, reaction of 1-benzoyl-3-(3,4-dichlorophenyl)-3-(2-formylethyl)piperidine with 3-morpholinoazetidine.2HCl in the presence of Et3N in THF followed by addition of sodium triacetoxyborohydride and AcOH afforded the title compound II. Compds. I are effective at 0.5-5 mg/kg/day.

IT 193755-78-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-azetidinylalkylpiperidines or -pyrrolidines as tachykinin antagonists)

RN 193755-78-1 HCAPLUS

CN Methanone, [3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]phenyl- (CA INDEX NAME)



L7 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1996:596130 HCAPLUS
DOCUMENT NUMBER: 125:247839
ORIGINAL REFERENCE NO.: 125:46332h,46333a
TITLE: Preparation of substituted heterocyclic compounds as neurokinin receptor antagonists
INVENTOR(S): Emonds-Alt, Xavier; Grossriether, Isabelle; Gueule, Patrick; Proietto, Vincenzo; Van Broeck, Didier
PATENT ASSIGNEE(S): Sanofi, Fr.
SOURCE: PCT Int. Appl., 176 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9623787	A1	19960808	WO 1996-FR152	19960130
W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN				
FR 2729952	A1	19960802	FR 1995-1016	19950130
FR 2729952	B1	19970418		
FR 2729953	A1	19960802	FR 1995-8046	19950704
FR 2729953	B1	19970801		
FR 2729954	A1	19960802	FR 1995-13005	19951103
FR 2729954	B1	19970801		
IN 186766	A1	20011103	IN 1996-DE169	19960125
CA 2211668	A1	19960808	CA 1996-2211668	19960130
CA 2211668	C	20050920		
AU 9646669	A	19960821	AU 1996-46669	19960130
AU 707901	B2	19990722		
ZA 9600694	A	19960826	ZA 1996-694	19960130
EP 807111	A1	19971119	EP 1996-902305	19960130
EP 807111	B1	20020814		

	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
CN	1172483	A	19980204	CN 1996-191686	19960130
CN	1089764	C	20020828		
IL	116957	A	19990620	IL 1996-116957	19960130
JP	11507324	T	19990629	JP 1996-523308	19960130
JP	3234228	B2	20011204		
HU	9800295	A2	19991028	HU 1998-295	19960130
HU	9800295	A3	20000228		
NZ	301285	A	20000128	NZ 1996-301285	19960130
RU	2157807	C2	20001020	RU 1997-114938	19960130
JP	2001131171	A	20010515	JP 2000-342606	19960130
JP	2001172279	A	20010626	JP 2000-342571	19960130
EP	1156049	A1	20011121	EP 2001-119949	19960130
EP	1156049	B1	20050601		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
AT	222251	T	20020815	AT 1996-902305	19960130
PT	807111	T	20021231	PT 1996-902305	19960130
ES	2181866	T3	20030301	ES 1996-902305	19960130
EP	1340754	A1	20030903	EP 2003-12771	19960130
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV				
CZ	293134	B6	20040218	CZ 1997-2436	19960130
CN	1502612	A	20040609	CN 2003-10119883	19960130
CN	1293063	C	20070103		
IL	127114	A	20040927	IL 1996-127114	19960130
CZ	294267	B6	20041110	CZ 2002-2243	19960130
AT	296823	T	20050615	AT 2001-119949	19960130
CN	1636983	A	20050713	CN 2004-10092931	19960130
CN	1295221	C	20070117		
PT	1156049	T	20051031	PT 2001-119949	19960130
ES	2243373	T3	20051201	ES 2001-119949	19960130
EP	1688416	A1	20060809	EP 2006-5775	19960130
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CN	1821241	A	20060823	CN 2006-10008868	19960130
PL	192164	B1	20060929	PL 1996-321640	19960130
EP	1923391	A1	20080521	EP 2007-150446	19960130
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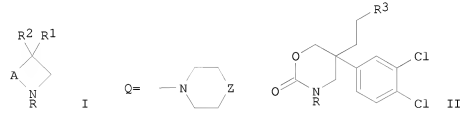
CN	101230008	A	20080730	CN 2007-10305915	19960130
FI	9703148	A	19970929	FI 1997-3148	19970729
NO	9703479	A	19970929	NO 1997-3479	19970729
NO	308795	B1	20001030		
HK	1041881	A1	20050729	HK 2002-103621	19980210
US	5977359	A	19991102	US 1998-175332	19981020
US	6242637	B1	20010605	US 1998-175331	19981020
AU	9930133	A	19990819	AU 1999-30133	19990519
AU	731788	B2	20010405		
CN	1321634	A	20011114	CN 2001-116340	20010411
CN	1136188	C	20040128		
CN	1321639	A	20011114	CN 2001-116341	20010411
JP	2002138088	A	20020514	JP 2001-339406	20011105
JP	3943369	B2	20070711		
CN	1394855	A	20030205	CN 2001-143103	20011207
PRIORITY APPLN. INFO.:				FR 1995-1016 A	19950130

FR 1995-8046	A 19950704
FR 1995-13005	A 19951103
AU 1996-46669	A3 19960130
CN 1996-191686	A3 19960130
CN 2003-10119883	A3 19960130
EP 1996-902305	A3 19960130
EP 2001-119949	A3 19960130
EP 2003-12771	A3 19960130
EP 2006-5775	A3 19960130
IL 1996-116957	A3 19960130
JP 1996-523308	A3 19960130
JP 2000-342571	A3 19960130
US 1996-593938	A3 19960130
WO 1996-FR152	W 19960130
US 1997-820716	A3 19970318
HK 1998-100995	A 19980210

OTHER SOURCE(S): MARPAT 125:247839

GI

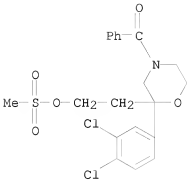


AB Title compds. [I; A = OCO, CH2OCO, NHCO, OCH2, etc.; R = (hetero)arylmethyl(carbonyl), CHPh2, etc.; R1 = (un)substituted Ph, naphthyl, benzothienyl, etc.; R2 = (CH2)mR3; R3 = e.g., heterocyclic group Q; Z = (hetero)arylimino- or methylmethine, etc.; m = 2 or 3] were prepared Thus, 3,4-Cl2C6H3CH2CN was alkylated by BrCH2CH2R3 (R3 = 2-tetrahydropyranyloxy) and the product converted in 2 steps to 3,4-Cl2C6H3C(CN)(CH2OH)CH2CH2R3 (R3 as above) which was cyclocondensed with COCl2 to give, in 2 addnl. steps, oxazinone II (R = CH2Ph)(III; R3 = OSO2Me). The latter was aminated by 4-benzylpiperidine to give III (R3 = 4-benzylpiperidino). I had Ki of <10-8M for tachykinin receptors in vitro.

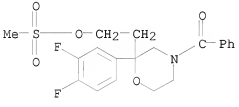
IT 181642-90-0P 181643-32-3P 181643-53-8P
181643-56-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of substituted heterocyclic compds. as neurokinin receptor antagonists)

RN 181642-90-0 HCAPLUS

CN Methanone, [2-(3,4-dichlorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)

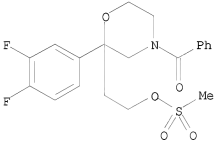


RN 181643-32-3 HCAPLUS
CN Methanone, [2-(3,4-difluorophenyl)-2-[2-[(methylsulfonyl)oxy]ethyl]-4-morpholinyl]phenyl- (CA INDEX NAME)



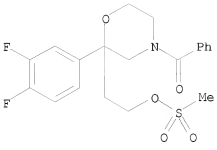
RN 181643-53-8 HCAPLUS
CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (-)- (9CI) (CA INDEX NAME)

Rotation (-).



RN 181643-56-1 HCAPLUS
CN 2-Morpholineethanol, 4-benzoyl-2-(3,4-difluorophenyl)-, methanesulfonate (ester), (+)- (9CI) (CA INDEX NAME)

Rotation (+).



L7 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 1993:124405 HCAPLUS
DOCUMENT NUMBER: 118:124405
ORIGINAL REFERENCE NO.: 118:21561a,21564a
TITLE: Preparation of 1-aralk(ano)yl-3-aryl-3-(piperidinoalkyl)piperidines and analogs as substance P and neurokinin antagonists
INVENTOR(S): Goulaouic, Pierre; Emonds-Alt, Xavier; Gueule, Patrick; Proietto, Vincenzo
PATENT ASSIGNEE(S): Elf Sanofi SA, Fr.
SOURCE: Eur. Pat. Appl., 75 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 512901	A1	19921111	EP 1992-401235	19920430
EP 512901	B1	19990623		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, PT, SE				
FR 2676055	A1	19921106	FR 1991-5487	19910503
FR 2676055	B1	19930903		
NO 9201734	A	19921104	NO 1992-1734	19920430
NO 178573	B	19960115		
NO 178573	C	19960424		
ZA 9203178	A	19930127	ZA 1992-3178	19920430
HU 61539	A2	19930128	HU 1992-1458	19920430
HU 220598	B1	20020328		
RU 2083574	C1	19970710	RU 1992-5011707	19920430
FI 101299	B	19980529	FI 1992-1951	19920430
FI 101299	B1	19980529		
AT 181550	T	19990715	AT 1992-401235	19920430
CZ 285409	B6	19990811	CZ 1992-1329	19920430
ES 2137176	T3	19991216	ES 1992-401235	19920430
CA 2067877	A1	19921104	CA 1992-2067877	19920501
CA 2067877	C	20020212		
AU 9215916	A	19921105	AU 1992-15916	19920501
AU 652046	B2	19940811		
IL 101760	A	19970218	IL 1992-101760	19920501
IL 117921	A	19970218	IL 1992-117921	19920501
BR 9201656	A	19921215	BR 1992-1656	19920504

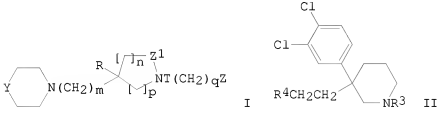
US 5340822	A	19940823	US 1992-878710	19920504
JP 05186425	A	19930727	JP 1992-113820	19920506
JP 3242980	B2	20011225		
US 5770735	A	19980623	US 1994-261269	19940615
FI 9501242	A	19950316	FI 1995-1242	19950316
FI 101298	B	19980529		
FI 101298	B1	19980529		
FI 9501243	A	19950316	FI 1995-1243	19950316
FI 114635	B1	20041130		
US 5625060	A	19970429	US 1995-463270	19950605
HK 1005138	A1	20000512	HK 1998-104344	19980519

PRIORITY APPLN. INFO.:

FR 1991-5487	A	19910503
FI 1992-1951	A	19920430
IL 1992-101760	A3	19920501
US 1992-878710	A3	19920504
US 1994-261269	A3	19940615

OTHER SOURCE(S): MARPAT 118:124405

GI

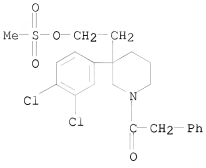


AB Title compds. [I; R = Ph, (benzo)thienyl, naphthyl, indolyl, etc.; T, Z1 = CO, CH2; Y = NR1, CX(CH2)xR2; R1 = Ph, PhCH2, cycloalkyl(methyl), pyridyl(methyl), etc.; R2 = Ph, pyridyl, thienyl; X = H, OH, alkoxy, acyloxy, CO2H, etc.; Z = Ph, naphthyl, pyridyl, thienyl, etc.; n, q = 0-3; p = 1, 2; x = 0, 1] were prepared Thus, 3,4-Cl2C6H3CH2CN was condensed with 2-(2-bromoethoxy)tetrahydropyran and the product condensed with BrCH2CH2CO2Et to give, after cyclization and reduction, piperidine II (R3 = H, R4 = tetrahydropyranyloxy) which was N-acetylated with PhCH2CO2H and the product converted to II (R3 = COCH2Ph) (III; R4 = OSO2Me). The latter was condensed with 4-benzylpiperidine to give III (R4 = 4-benzylpiperidino) which had Ki of 8.3 nM for antagonism of substance P binding in vitro.

IT 146395-83-7P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, in preparation of neurokinin and substance P antagonists)

RN 146395-83-7 HCAPLUS

CN Ethanone, 1-[3-(3,4-dichlorophenyl)-3-[2-[(methylsulfonyl)oxy]ethyl]-1-piperidinyl]-2-phenyl- (CA INDEX NAME)



=> FIL REGISTRY
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	75.81	434.12

	SINCE FILE ENTRY	TOTAL SESSION
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		
CA SUBSCRIBER PRICE	-5.60	-5.60

FILE 'REGISTRY' ENTERED AT 10:35:17 ON 29 OCT 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 28 OCT 2008 HIGHEST RN 1067631-14-4
DICTIONARY FILE UPDATES: 28 OCT 2008 HIGHEST RN 1067631-14-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH July 5, 2008.

Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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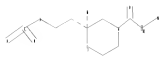
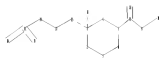




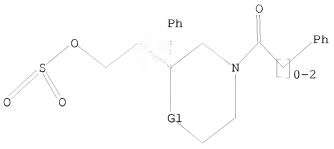
chain nodes :
8 9 10 11 12 13 14 15 16 17 18
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 3-18 5-8 8-9 8-11 9-10 12-13 13-14 14-15 15-17 15-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 3-18 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15
15-17 15-16
isolated ring systems :
containing 1 :

G1:O,CH2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS

L8 STRUCTURE UPLOADED

=> d 18
L8 HAS NO ANSWERS
L8 STR



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

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=> s l8
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SAMPLE SCREEN SEARCH COMPLETED -        5 TO ITERATE

100.0% PROCESSED         5 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            5 TO      234
PROJECTED ANSWERS:               0 TO        0

L9            0 SEA SSS SAM L8

=> s l8 sss full
FULL SEARCH INITIATED 10:35:46 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       89 TO ITERATE

100.0% PROCESSED        89 ITERATIONS                               0 ANSWERS
SEARCH TIME: 00.00.01

L10           0 SEA SSS FUL L8

=>
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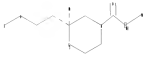
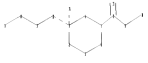




chain nodes :
8 9 10 11 12 13 14 15 16
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 3-16 5-8 8-9 8-11 9-10 12-13 13-14 14-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 3-16 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14 14-15

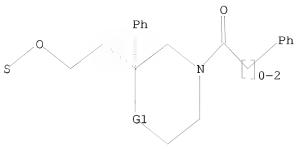
isolated ring systems :
containing 1 :

G1:O,CH2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS

L11 STRUCTURE UPLOADED

=> d l11
L11 HAS NO ANSWERS
L11 STR



Gl O,CH2

Structure attributes must be viewed using STN Express query preparation.

```
=> s l11
SAMPLE SEARCH INITIATED 10:36:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        5 TO ITERATE

100.0% PROCESSED         5 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            5 TO      234
PROJECTED ANSWERS:               0 TO        0

L12           0 SEA SSS SAM L11

=> s l11 sss full
FULL SEARCH INITIATED 10:37:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       89 TO ITERATE

100.0% PROCESSED        89 ITERATIONS                               0 ANSWERS
SEARCH TIME: 00.00.01

L13           0 SEA SSS FUL L11

=>
Uploading C:\Program Files\Stnexp\Queries\10590404x.str
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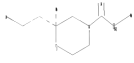
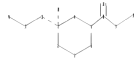




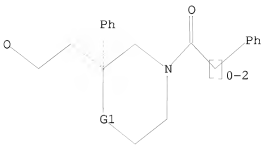
chain nodes :
8 9 10 11 12 13 14 15
ring nodes :
1 2 3 4 5 6
chain bonds :
3-12 3-15 5-8 8-9 8-11 9-10 12-13 13-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6
exact/norm bonds :
1-2 1-6 2-3 3-4 3-12 3-15 4-5 5-6 5-8 8-9 8-11 9-10 12-13 13-14
isolated ring systems :
containing 1 :

G1:O,CH2

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L14 STRUCTURE UPLOADED

=> d l14
L14 HAS NO ANSWERS
L14 STR



G1 O,CH2

Structure attributes must be viewed using STN Express query preparation.

```
=> s l14
SAMPLE SEARCH INITIATED 10:38:21 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       13 TO ITERATE

100.0% PROCESSED       13 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           44 TO      476
PROJECTED ANSWERS:               0 TO        0

L15           0 SEA SSS SAM L14

=> s l14 sss full
FULL SEARCH INITIATED 10:38:28 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      269 TO ITERATE

100.0% PROCESSED      269 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

L16           0 SEA SSS FUL L14

=> log y
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                    536.46     970.58

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                      0.00      -5.60

STN INTERNATIONAL LOGOFF AT 10:38:55 ON 29 OCT 2008
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